



Product Evaluation

DR858 | 0617

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-858

Effective Date: June 1, 2017

Re-evaluation Date: May 2021

Product Name: Clad 2-1/4 Ultimate Wood Multi Slide Doors, Non-impact Resistant

Manufacturer: Marvin Windows and Doors
P.O. Box 100
Highway 11 West
218-386-4021

General Description:

System	Description	Label Rating	Design Pressure
1	Clad 2-1/4 Ultimate Wood Multi Slide Door Pocket; PXX-XXP	LC-PG40 282.97 x 118.72	+40 / -40 psf
2	Clad 2-1/4 Ultimate Wood Multi Slide Door Stacked; OXX	LC-PG40 133.57 x 118.72	+40 / -40 psf
3	Clad 2-1/4 Ultimate Wood Multi Slide Door Stacked; OXX; HP	LC-PG55 133.57 x 120.5	+55 / -55 psf
4	Clad 2-1/4 Ultimate Wood Multi Slide Door Stacked; OX-XO; HP	LC-PG45 180.76 x 120.5	+45 / -50 psf
5	Clad 2-1/4 Ultimate Wood Multi Slide Door Pocket; PXX; HP	LC-PG55 142.35 x 120.5	+55 / -65 psf

Component Dimensions:

System	Overall Door Size (Including Panel pockets)	Primary Panel Size	Pocket Panel Size
1	283" x 118-3/4"	47-1/16" x 116-1/2"	48-5/16" x 116-1/2"
2	133-1/2" x 118-3/4"	47-1/16" x 116-1/2"	N/A
3	133-1/2" x 118-3/4"	47-1/16" x 116-1/2"	N/A
4	180-3/4" x 120-1/2"	47-1/16" x 116-1/2"	N/A
5	142-3/8" x 120-1/2"	47-1/16" x 116-1/2"	48-5/16" x 116-1/2"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows & Doors
	Product Name	Ult Multi-Slide Door Pocket
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows & Doors
	Product Name	Ult Multi-Slide Door Stacked
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11
3, 4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows & Doors
	Product Name	Ult Multi-Slide Dr Stack - HP
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11
5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows & Doors
	Product Name	Ult Multi-Slide Dr Pocket - HP
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1- 5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

System 1: The assembly must be secured to minimum Southern Yellow Pine dimension lumber. The assembly is secured to the wall framing through the frame. The frame head, side jambs, and pocket interlock are secured to the wall framing with minimum No. 8 x 3" screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. The frame sill is secured to the wall framing with minimum No. 8 screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

System 2: The assembly must be secured to minimum Southern Yellow Pine dimension lumber. The assembly is secured to the wall framing through the frame. The frame head and side jambs are secured to the wall framing with minimum No. 8 x 3" screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. The lock strike plate is secured to the wall framing with four No. 8 x 2-1/2" screws. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

Systems 3, 4: The assembly must be secured to minimum Southern Yellow Pine dimension lumber. The assembly is secured to the wall framing through the frame. The frame head and side jambs are secured to the wall framing with minimum No. 8 x 3" screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. The lock strike plate is secured to the wall framing with four No. 8 x 2-1/2" screws. The stationary brackets (1.238" x 0.969" x 0.125" aluminum) are secured to the wall framing with No. 8 x 2-1/2" screws. Two screws are required for each bracket. The frame sill is secured to the wall framing with minimum No. 8 x 1-3/4" screws. Four rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

Systems 5: The assembly must be secured to minimum Southern Yellow Pine dimension lumber. The assembly is secured to the wall framing through the frame. The frame head and pocket jamb are secured to the wall framing with minimum No. 8 x 3" screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. The locking jamb is secured to the wall framing with minimum No. 8 x 3" screws. One row of fasteners is required. The fasteners are located approximately 6" from each corner and 20" on center. In addition, one screw is located at the top and bottom of each side jamb through the wood filler. The pocket interlock is secured to the wall framing with minimum No. 8 x 3" screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 12" on center. The lock strike plate is secured to the wall framing with four No. 8 x 2-1/2" screws. The frame sill is secured to the wall framing with minimum No. 8 x 1-3/4" screws. Four rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.